

Date: Sun, 14 Nov 93 17:11:15 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1346  
To: Info-Hams

Info-Hams Digest                      Sun, 14 Nov 93                      Volume 93 : Issue 1346

Today's Topics:

                    Code software for the Mac?  
                                DSP units  
                FCC question pools on the net?  
                    Fun with Radio Shack  
                How does an American sign in Canada?  
                    SAREX Keps & Update 10/28  
        Sources of info on older HF gear? (Kenwood, etc)  
                TU-8 tone encoder (kenwood)  
                    What do I do now/  
                    What do I do now?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sun, 14 Nov 1993 01:51:26 GMT  
From: library.ucla.edu!agate!spool.mu.edu!olivea!grapevine.lcs.mit.edu!lynx!  
chaos.dac!wy1z@network.ucsd.edu  
Subject: Code software for the Mac?  
To: info-hams@ucsd.edu

In article <1993Nov11.140846.29555@mnemosyne.cs.du.edu> jwiggins@nyx.cs.du.edu  
(Joe Wiggins) writes:

        Newsgroups: rec.radio.amateur.misc  
        Path: lynx!noc.near.net!howland.reston.ans.net!cs.utexas.edu!uunet!  
mnemosyne.cs.du.edu!nyx!jwiggins  
        From: jwiggins@nyx.cs.du.edu (Joe Wiggins)

X-Disclaimer: Nyx is a public access Unix system run by the University of Denver for the Denver community. The University has neither control over nor responsibility for the opinions of users.  
Sender: usenet@mnemosyne.cs.du.edu (netnews admin account)  
Organization: Nyx, Public Access Unix at U. of Denver Math/CS dept.  
Distribution: na  
Date: Thu, 11 Nov 93 14:08:46 GMT  
Lines: 12

Just passed my Technician exam (no license yet) and I want to prepare for the code tests. I have a PC at work and have a fairly nice shareware program for it (Super Morse). Are there any snazzier programs available for the PC (free, share, or commercial)? I have a Mac at home and would like to practice there (I really ought to be working at work!). Does anyone know of any shareware or commercial programs that will teach code on the Mac?

Thanks,  
Joe

You may want to anonymously FTP into world.std.com in /pub/hamradio

There are directories with respect to the system you want and the type of program you looking for from that point.

73,  
Scott

--

```
=====
| Scott Ehrlich           Internet: wy1z@neu.edu           |
| Amateur Radio: wy1z      AX.25: wy1z@n0ary.#nocal.ca.usa.na |
| -----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - world.std.com /pub/hamradio |
|=====
```

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Date: 14 Nov 93 17:26:54 GMT  
From: sytex!jim@uunet.uu.net  
Subject: DSP units  
To: info-hams@ucsd.edu

john@anasazi.com (John R. Moore) writes:

> I have a Timewave DSP-9 on my TS-430 and I think it works VERY WELL. Nice  
> widget - inexpensive also.

Yeah, this little puppy interests me. Talked to a guy on 17M who raved  
about it. Claimed it suppresses receiver noise too. I'd like to know  
a bit more about its capabilities (and price!).

Any enlightening info on the DSP-9 ?

I'll post a summary to the newsgroup of anything sent to me as mail...

jim - ad4je

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jim@sytex.com (Jim Arnold)

Access <=> Internet BBS, a public access internet site

Sytex Communications, Arlington VA, 1-703-528-4380

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Date: Thu, 11 Nov 1993 06:19:49 GMT

From: pacbell.com!amdahl!netcomsv!netcom.com!msattler@ames.arpa

Subject: FCC question pools on the net?

To: info-hams@ucsd.edu

butler@vax.sonoma.edu wrote:

: Are the question pools for FCC license exams available on the net?

Yes, they are. Just ftp to world.std.com and check out the  
/pub/hamradio directory contents. Enjoy.

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Michael S. Sattler           msattler@netcom.com           +1 (415) 621-2903  
Digital Jungle Software      Encrypt now; ask me how.      (finger for PGP key)

All that is required for evil to triumph is  
for {wo}men of good will to do nothing.

-----

Date: Sun, 14 Nov 1993 18:53:51 EDT

From: library.ucla.edu!europa.eng.gtefsd.com!darwin.sura.net!newsserver.jvnc.net!

jvnc.net!Gerry\_Jurrens%corbin.prs.k12.nj.us@network.ucsd.edu

Subject: Fun with Radio Shack

To: info-hams@ucsd.edu

Tom WI3P collinst@esvax.dnet.dupont.com or collinst@world.std.com writes:

In article <931107.74372.EDELLERS@delphi.com>, Ed Ellers

<EDELLERS@delphi.com> writes:

>A lot of RS customers got a mailing recently with (1) a coupon for a free  
>catalog, and (2) a discount card good for 10% off the regular price of any  
>one item each month.

Yep, I got that also. About a week before my catalog from Ft. Worth and  
a letter of apology for charging for the catalog.

(NOTE: Don't take your 10% card in when you redeemn the coupon for the  
catalog. The local store is punching the 10% notch on the card for the  
month. If you don't have your card, they'll give you the catalog and  
forget about the card.)

.....

Same thing happened to me. I ended up buying an item greater than 15 bucks  
and using the \$5 coupon. The sales-droid said "If you buy these tapes for  
it, you can use your 10% discount card -- however, the computer came up  
with the fact that the tapes were on "special" and thus ineligible for any  
other discount. I told him "forget it." They do that a lot - caveat  
emptor!

73,

Gerry Jurrens, N2GJ  
Kingston, NJ

-----Princeton Regional Schools takes no responsibility for the  
accuracy or content of the above message.

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Date: Thu, 11 Nov 1993 06:07:10 GMT  
From: pacbell.com!amdahl!netcomsv!netcom.com!msattler@ames.arpa  
Subject: How does an American sign in Canada?  
To: info-hams@ucsd.edu

>Can the US government force US citizens to obey US laws  
>while they are not in the US?

Just as the United States expects citizens and visitors alike to  
obey the "law of the land", other countries expect you to obey  
their laws, be it drug smuggling, etc.

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Michael S. Sattler           msattler@netcom.com           +1 (415) 621-2903  
Digital Jungle Software    Encrypt now; ask me how.   (finger for PGP key)

All that is required for evil to triumph is  
for {wo}men of good will to do nothing.

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Date: 14 Nov 93 17:04:48 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: SAREX Keps & Update 10/28  
To: info-hams@ucsd.edu

R:931114/1847Z @:VK1KCM.ACT.AUS.OC [Canberra, ACT] \$:29260\_W70EK  
R:931112/1446Z @:VK4DGQ.QLD.AUS.OC [Brisbane] #:39042 \$:29260\_W70EK  
R:931112/0448z 39126@KE7KD.#NONEV.NV.USA.NOAM [RENO, NV.]  
R:931107/0501z 11316@N7KXI.UT.USA.NA  
R:931106/0720z 17715@KG7FC.UT.USA.NA [DATA HUB UT]  
R:931105/1921z 10560@N7MLR.UT.USA.NA  
R:931105/1126z 52057@N0LEU.#NWCO.CO.USA.NOAM  
R:931105/1618z 60176@KT0H.#NECO.CO.USA [DATA HUB CO]  
R:931105/1603Z @:W0RA.#SECO.CO.USA.NA [YODER] FBB5.14d #:83463  
R:931105/1319Z @:W7GCI.WA.USA.NA [Tacoma] #:36038 Z:98499 FBB5.15  
R:931105/1240Z @:WA7BHH.WA.USA.NA [Tacoma] #:14070 Z:98465 FBB5.15  
R:931105/1143 6692@WB7QEU.WA.USA.NA  
R:931105/0837 8578@WA7SJJN.WA.USA.NA  
R:931105/0826 1818@W0RLI.OR.USA.NOAM  
R:931105/0414 37948@N7DXT.#EUGEN.OR.USA.NA  
R:931105/0300 50289@WB7VMS.#MURPH.OR.USA.NOAM

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29260 ; Thu, 04 Nov 93 05:04:57 GMT  
Date: Thu, 04 Nov 93 05:01:32 UTC  
Message-Id: <29256\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29256 ; Thu, 04 Nov 93 03:46:32 GMT  
Date: Thu, 04 Nov 93 03:44:57 UTC  
Message-Id: <29255\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org

Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29255 ; Thu, 04 Nov 93 02:45:47 GMT  
Date: Thu, 04 Nov 93 02:44:45 UTC  
Message-Id: <29254\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29254 ; Thu, 04 Nov 93 01:45:29 GMT  
Date: Thu, 04 Nov 93 01:44:47 UTC  
Message-Id: <29253\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29253 ; Thu, 04 Nov 93 00:46:29 GMT  
Date: Thu, 04 Nov 93 00:45:06 UTC  
Message-Id: <29249\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29249 ; Thu, 04 Nov 93 00:15:42 GMT  
Date: Thu, 04 Nov 93 00:15:11 UTC  
Message-Id: <29228\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29228 ; Wed, 03 Nov 93 22:47:23 GMT  
Date: Wed, 03 Nov 93 22:46:25 UTC  
Message-Id: <29207\_w7oek@w7oek.bbs>

From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29207 ; Wed, 03 Nov 93 21:45:05 GMT  
Date: Wed, 03 Nov 93 21:44:35 UTC  
Message-Id: <29164\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29164 ; Wed, 03 Nov 93 20:56:01 GMT  
Date: Wed, 03 Nov 93 20:55:40 UTC  
Message-Id: <29150\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29150 ; Wed, 03 Nov 93 18:45:47 GMT  
Date: Wed, 03 Nov 93 18:45:40 UTC  
Message-Id: <29148\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29148 ; Wed, 03 Nov 93 18:03:46 GMT  
Date: Wed, 03 Nov 93 18:03:22 UTC  
Message-Id: <29147\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29147 ; Wed, 03 Nov 93 17:12:03 GMT

Date: Wed, 03 Nov 93 17:11:44 UTC  
Message-Id: <29136\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29136 ; Wed, 03 Nov 93 15:44:49 GMT  
Date: Wed, 03 Nov 93 15:44:44 UTC  
Message-Id: <29134\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
id 29134 ; Wed, 03 Nov 93 14:45:08 GMT  
Date: Wed, 03 Nov 93 14:44:47 UTC  
Message-Id: <29132\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
  
id 29132 ; Wed, 03 Nov 93 13:44:32 GMT  
Date: Wed, 03 Nov 93 13:44:45 UTC  
Message-Id: <29131\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>  
  
id 29131 ; Wed, 03 Nov 93 12:44:39 GMT  
Date: Wed, 03 Nov 93 12:44:44 UTC  
Message-Id: <29126\_w7oek@w7oek.bbs>  
From: abfhib%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B



Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>

id 29126 ; Wed, 03 Nov 93 11:44:24 GMT  
Date: Wed, 03 Nov 93 11:44:43 UTC  
Message-Id: <29125\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>

id 29125 ; Wed, 03 Nov 93 10:44:31 GMT  
Date: Wed, 03 Nov 93 10:44:47 UTC  
Message-Id: <29117\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>

id 29117 ; Wed, 03 Nov 93 09:43:27 GMT  
Date: Wed, 03 Nov 93 09:43:46 UTC  
Message-Id: <29091\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>

id 29091 ; Wed, 03 Nov 93 08:56:04 GMT  
Date: Wed, 03 Nov 93 08:55:59 UTC  
Message-Id: <29080\_w7oek@w7oek.bbs>  
From: abfhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHB%W70EK@WD4ECK.AMPR.ORG>

id 29080 ; Wed, 03 Nov 93 07:45:09 GMT  
Date: Wed, 03 Nov 93 07:45:11 UTC  
Message-Id: <29079\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 29079 ; Wed, 03 Nov 93 07:03:53 GMT  
Date: Wed, 03 Nov 93 07:03:31 UTC  
Message-Id: <29066\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 29066 ; Wed, 03 Nov 93 05:43:31 GMT  
Date: Wed, 03 Nov 93 05:44:04 UTC  
Message-Id: <29062\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 29062 ; Wed, 03 Nov 93 02:45:25 GMT  
Date: Wed, 03 Nov 93 02:46:01 UTC  
Message-Id: <29050\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 29050 ; Wed, 03 Nov 93 02:01:26 GMT  
Date: Wed, 03 Nov 93 02:01:50 UTC  
Message-Id: <29047\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 29047 ; Wed, 03 Nov93 01:09:32 GMT  
Date: Wed, 03 Nov 93 01:09:40 UTC  
Message-Id: <29041\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 29041 ; Tue, 02 Nov 93 21:42:27 GMT  
Date: Tue, 02 Nov 93 21:42:59 UTC  
Message-Id: <28985\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28985 ; Tue, 02 Nov 93 20:47:06 GMT  
Date: Tue, 02 Nov 93 20:47:48 UTC  
Message-Id: <28973\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28973 ; Tue, 02 Nov 93 19:58:01 GMT  
Date: Tue, 02 Nov 93 19:58:49 UTC  
Message-Id: <28968\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28968 ; Tue, 02 Nov 93 18:43:20 GMT  
Date: Tue, 02 Nov 93 18:44:09 UTC  
Message-Id: <28942\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28942 ; Tue, 02 Nov 93 17:43:53 GMT  
Date: Tue, 02 Nov 93 17:44:47 UTC  
Message-Id: <28937\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28937 ; Tue, 02 Nov 93 15:43:49 GMT  
Date: Tue, 02 Nov 93 15:44:50 UTC  
Message-Id: <28936\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28936 ; Tue, 02 Nov 93 14:43:54 GMT  
Date: Tue, 02 Nov 93 14:44:51 UTC  
Message-Id: <28935\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28935 ; Tue, 02 Nov 93 13:43:53 GMT  
Date: Tue, 02 Nov 93 13:44:50 UTC  
Message-Id: <28933\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28933 ; Tue, 02 Nov 93 12:42:37 GMT  
Date: Tue, 02 Nov 93 12:43:53 UTC  
Message-Id: <28932\_w7oek@w7oek.bbs>  
From: abfhhb%w7oek@wd4eck.ampr.org  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

Received: from WD4ECK.AMPR.ORG by W70EK.AMPR.ORG with SMTP originator  
<ABFHHB%W70EK@WD4ECK.AMPR.ORG>

id 28932 ; Tue, 02 Nov 93 12:09:45 GMT  
X-Forwarded-To: W70EK

Date: 28 Oct 93 19:00:00 UTC

Message-Id: <931028050312@w7oek.bbs>  
From: abfhhb@wa8ure.#swmi.mi.usa.na  
To: ans@amsat.org  
Subject: SAREX Keps & Update 10/28  
X-BBS-Msg-Type: B

R:931102/0810z 28885@W70EK.OR.USA.NA  
R:931102/0121 49595@WB7VMS.#MURPH.OR.USA.NOAM  
R:931101/1449 37097@N7DXT.#EUGEN.OR.USA.NA  
R:931101/0530 4700@KB7DBD.OR.USA.NA  
R:931101/1218 9138@KB7KBT.OR.USA.NA  
R:931101/1152 6500@KA7AGH.OR.USA.NA  
R:931101/1156 23351@W0RLI.OR.USA.NA

R:931101/1128 7291@WA7SJM.WA.USA.NA  
R:931101/0025 12848@WA7BHH.WA.USA.NA  
R:931101/0000 35118@W7GCI.WA.USA.NA  
R:931030/1514 47346@N8GTC.#CIN.IN.USA.NOAM  
R:931030/0718 29215@W90J.IN.USA.NA

R:931030/0652 22073@N5CEC.IN.USA.NA  
R:931030/0540 21727@KK9G.#CEIN.IN.USA.NA  
R:931030/0537 35453@N5AAA.#CEIN.IN.USA.NA  
R:931029/1256 26400@KD9LP.#NCIN.IN.USA.NA  
R:931029/0636 15967@NU9H.#NWIN.IN.USA.NA  
R:931028/1900 36038@WA8URE.#SWMI.MI.USA.NA

SB SAREX @ AMSAT \$STS-58.025  
SAREX Keps & Update: 10/28

Thursday 10/28/93 @ 08:00 UTC

The last school group contact was completed yesterday. The Portsmouth HS in Portsmouth, New Hampshire had a telebridge contact using stations in California (Ralph Warner, N6MNN) and Texas (Bob Douglas, W5GEL). The students asked 5 questions during this bridge contact.

Hams across the U.S. and around the world continue to work the Shuttle Columbia on both voice and packet. Moreover, the completion of school group contacts has cleared several school backup passes for possible general QSO opportunities. While the SAREX Working Group cannot fully guarantee availability, there is a high probability that the STS-58 crew will be ready to take general calls over the continental U.S. on these passes. Two of these "scheduled" passes remain. These include orbit 178 at MET 11 days 1 hour 42 minutes (10/29 at 16:35 UTC) and orbit 192 at MET 11 days 22 hours and 29 minutes (10/30 at 13:22 UTC). Please note that the astronauts operated voice during yesterday's "scheduled" pass which occurred on 10/27 at 14:59 UTC (Orbit 145). Also note that hams on

the ground heard or worked the Shuttle Columbia crew on several other orbits yesterday.

Element set GSFC-031, generated by Ron Parise, WA4SIR, is the official SAREX set for today. Please note that there is only a six second difference

between element set GSFC-025 (released two days ago) and element set GSFC-031.

STS-58

```
1 22869U 93065A   93300.17699070 0.00133671 99048-5 24183-3 0   318
2 22869  39.0252  71.9896 0012817  34.2105 325.9529 16.00500857 1383
```

Satellite: STS-58

Catalog number: 22869

Epoch time:	93300.17699070	(27 OCT 93 04:14:51.** UTC)
Element set:	GSFC-031	
Inclination:	39.0252 deg	
RA of node:	71.9896 deg	Space Shuttle Flight STS-58
Eccentricity:	0.0012817	Keplerian Elements
Arg of perigee:	34.2105 deg	
Mean anomaly:	325.9529 deg	
Mean motion:	16.00500857 rev/day	Semi-major Axis: 6651.1630 Km
Decay rate:	0.13E-02 rev/day*2	Apogee Alt: 281.30 Km
Epoch rev:	138	Perigee Alt: 264.25 Km

NOTE - This element set is based on NORAD element set # 031.  
The spacecraft has been propagated to the next ascending node, and the orbit number has been adjusted to bring it into agreement with the NASA numbering convention.

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group

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Date: Sun, 14 Nov 1993 21:14:37 GMT  
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!nigel.msen.com!yale.edu!  
cs.yale.edu!ccsua.ctstateu.edu!white@network.ucsd.edu  
Subject: Sources of info on older HF gear? (Kenwood, etc)  
To: info-hams@ucsd.edu

Is there a sourcebook on out-of-production HF gear, i.e., older Kenwood, Yeasu, Collins stuff? I was fondling a Kenwood T-58 (model???) transmitter and receiver set at a hamfest today when a guy next to me bought it out from under me. I failed to get the model number, etc. so I guess I'm looking for a compendium of specs & pix.

73s

Harry white@sleepy.ctstateu.edu

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Date: 14 Nov 93 20:35:47 GMT

From: usc!howland.reston.ans.net!europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!  
paris.ics.uci.edu!ucivax!gateway@network.ucsd.edu

Subject: TU-8 tone encoder (kenwood)

To: info-hams@ucsd.edu

I just got the little TU-8 so that I can do 10 meter FM with PL, as we seem to need around here. I didn't get any spec sheet or instructions though. Anyone have the instruction sheet (copy?) that I can have.... OR can anyone give me instructions on programming the little thing for various tones? It uses dipswitches so I can only put in one tone, but that seems to be all I need.

73

Clark WA3JPG

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Date: 14 Nov 1993 02:49:05 GMT

From: library.ucla.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!  
moe.ksu.ksu.edu!crcnis1.unl.edu!unlinfo.unl.edu!mcduffie@network.ucsd.edu

Subject: What do I do now/

To: info-hams@ucsd.edu

drenze@icaen.uiowa.edu (Douglas J Renze) writes:

>Well, I'm almost ready to got on the air HF-wise for my first time. I've  
>got my random-wire tuner, a tranceiver, a random wire, cables to connect it  
>all...all I lack at the minute is a counterpoise (well, multiple counterpoises  
>for the 2-3 bands I want to get on to) and an SWR meter, which I should be  
>getting in a few days.

> Question: Now what? I don't have a clue about what the controls  
>on the front of my trusty old HW-101 do (what's a Final? What's a Drier  
>erps...Driver Preselector?). How do I regulate my power output? In short,  
>what in the world do I do?

> The manual doesn't give me any help, and I don't seem to be able to  
>find anything which tells me just how to tweak everything and get on the air!!!

>Any help?

>Peace es 73,

>Doug NOYVW

Now, if that doesn't say something about the current licensing situation, nothing will.



Gary

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Date: 15 Nov 93 00:23:02 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: What do I do now?  
To: info-hams@ucsd.edu

Text item: Text\_1

> I haven't sat down in front of a HW101 in years, so I'll restrict  
> myself to general advice. Gary

I had an HW101 back in the dark ages and it didn't need an antenna tuner (possibly because I couldn't afford one). With the selectable inductance and variable capacitors in the pi network output, it has essentially a medium-range antenna tuner built in as most of the tube-type rigs of that day did. I once loaded it up barefoot to a bobwar fence when my antenna blew down. That was back in Texas where they have real bobwar fences. Don't know what the SWR of a bobwar fence is... I couldn't afford an SWR meter either.

Transistors die under high SWRs. Tubes usually only complain a bit.

73, Cecil, kg7bk@indirect.com ...ex-W5DXP  
(I do not speak for Intel on Internet)

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Date: Sun, 14 Nov 1993 05:59:17 GMT  
From: library.ucla.edu!agate!howland.reston.ans.net!math.ohio-state.edu!  
cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!nebulus!ve6mgs!mark@network.ucsd.edu  
To: info-hams@ucsd.edu

References <1993Nov9.091256.26001@ee.surrey.ac.uk>,  
<7b72594c2ce3113eyarn@dorsai.dorsai.org>, <edh.753113438@hpuerca>ark  
Subject : Re: Amateur Radio Newsline #847

edh@hpuerca.atl.hp.com (Ed Humphries) writes:

>bigsteve@dorsai.dorsai.org (Steve Coletti) writes:  
>>On this side of the pond we write our dates as Month/Day/Year. It's just  
>>as confusing to me when I read newsletter posts written in Europe.  
>To avoid confusion I prefer to write day-month-year with month  
>\_spelled\_ out (even non-native English speakers recognise this):

Why not use the recognized International Standard instead, Year Month Day,

never failed anyone! 1993-11-05

BTW Canada uses Day Month Year, I think the US is the only place in the world that uses Month Day Year. Anyone care to disagree?

Ciao, 73 de VE6MGS/Mark -sk-

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End of Info-Hams Digest V93 #1346

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